Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/082,321      | TSENG ET AL. |
| Examin r        | Art Unit     |
| 1               |              |

Jeanne A. Di Grazio

2871

| √ | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Claim |          | Date                    |          |  |                     | _         | Claim    |          | Date                |  |                   |              |          | _  :::      | L        | Cla | aim         | Date       |                 |          |          |          |          |           |               |           |   |
|-------|----------|-------------------------|----------|--|---------------------|-----------|----------|----------|---------------------|--|-------------------|--------------|----------|-------------|----------|-----|-------------|------------|-----------------|----------|----------|----------|----------|-----------|---------------|-----------|---|
| Final | Original |                         |          |  |                     |           | Final    | Original |                     | therefore the same of the same |                   |              |          |             |          |     | Final       | Original   |                 |          |          |          |          |           |               |           |   |
|       | 1-       | 4                       |          |  |                     |           |          | 51       | П                   |  |                   |              |          |             |          |     |             | 101        |                 |          |          |          |          |           |               |           |   |
|       | 2-       | 4                       | _        | $\vdash$   | ++                  | 4         |          | 52       | $\vdash$            | +  | -                 |              |          |             | -1       | ŀ   |             | 102        | $\Box$          | $\dashv$ |          | _        | _        |           | _             |           |   |
|       | 3_       | <del>-</del>            |          | -  | $\dashv$            | 4         |          | 53       | -                   | - -  | $\vdash$          | _            | _        | ++          |          | 1   |             | 103        | $\dashv$        | _        | -        | 4        | $\dashv$ |           |               |           |   |
|       | 4-       | -√ <br>- <del>√</del> - | -        | $\vdash$   | <del>-  -  </del> - | -         |          | 54<br>55 | $\vdash$            | -  | $\vdash$          | -            |          | +           |          | ŀ   |             | 104<br>105 | H               | $\dashv$ | $\dashv$ | $\dashv$ |          |           |               | _         |   |
|       | 5-<br>6  | 77                      |          | ╁╼╌╁╌  |                     | -         |          | 56       | $\vdash$            |  | +                 |              |          | +           |          | -   |             | 106        | -               | $\dashv$ |          |          | $\dashv$ |           | $\dashv$      | -         |   |
|       | 7        | 1 1                     | +        |  | -   -               | -         | $\vdash$ | 57       | $\vdash$            | +  | +                 |              |          | ++          | -1:::    | -   |             | 107        |                 | -        |          | -        | $\dashv$ | $\dashv$  | $\dashv$      | -         |   |
|       | 8        | 1111                    | $\dashv$ | $\vdash$   | + +                 | -         | <b>-</b> | 58       | $\vdash$            |  |                   |              | $\dashv$ | +           | - :::    | 1   |             | 108        | $\dashv$        | 一        | _        | $\dashv$ | _        | 7         | $\dashv$      | $\dashv$  |   |
|       | 9        | 11                      |          | ÍΤ   |                     | 1         |          | 59       | $\vdash$            |  | +                 |              |          | 1-1-        |          | -   |             | 109        |                 | $\neg$   | $\dashv$ | 寸        |          | _         |               |           |   |
|       | 10       | 11                      |          |  |                     | <b>-</b>  |          | 60       |                     |  | $\dagger$         |              | _        | 11          | _        | -   |             | 110        |                 | $\neg$   |          | $\dashv$ | $\neg$   | 7         | $\dashv$      | $\neg$    |   |
|       | 14-      | <b>→</b>                |          | $\Box$   |                     | 7         |          | 61       |                     |  | $\Box$            |              |          |             |          | -   |             | 111        |                 |          | $\dashv$ | $\neg$   | ヿ        | $\neg$    | $\neg$        | $\neg$    | _ |
|       | 12       |                         |          |  |                     | 7         |          | 62       |                     |  |                   |              |          |             | _        |     |             | 112        |                 |          | T        | T        | $\Box$   |           | П             |           |   |
|       | 13       |                         |          |  |                     | ]         |          | 63       |                     |  |                   |              |          |             |          | E   |             | 113        |                 |          |          |          |          |           |               |           |   |
|       | 14       |                         |          |  |                     |           |          | 64       |                     |  |                   |              |          |             |          |     |             | 114        |                 |          |          |          | _        |           |               |           |   |
|       | 15       |                         |          | $\sqcup \bot$                                    |                     | _         |          | 65       |                     |  |                   |              |          |             |          | L   |             | 115        |                 |          |          |          |          |           |               |           |   |
|       | 16       |                         |          |  |                     | _         |          | 66       |                     |  | $\sqcup$          |              |          | Ш.          |          | L   |             | 116        |                 |          | $\perp$  | _        | _        |           | $\dashv$      |           |   |
|       | 17       |                         |          |  | $\bot$              | 4         |          | 67       |                     |  | 1                 |              | _        | $\perp$     | _        | L   |             | 117        |                 |          |          | _        | _        |           | _             | _         |   |
|       | 18       |                         |          | igspace  |                     | 4         |          | 68       |                     |  | $\sqcup$          |              |          |             | _ :::    | L   |             | 118        |                 | _        | _        | _        | _        | _         | $\rightarrow$ | _         |   |
|       | 19       |                         |          | $\bot\bot$                                       | ++                  | 4         |          | 69       | L                   |  | $\vdash$          |              | $\perp$  | 1 1         | _        | -   |             | 119        |                 | _        | _        | _        |          |           | $\rightarrow$ |           |   |
|       | 20       |                         |          | $\vdash$   | ++                  | 4         |          | 70       | $\vdash$            | _  | $\vdash$          |              | - -      |             | - ::     | -   |             | 120        |                 |          | $\dashv$ | -        | $\dashv$ |           | $\dashv$      | _         |   |
|       | 21       |                         | +        |  |                     | -         | <b></b>  | 71       | $\vdash$            |  | <del>  </del>     |              |          | +           | _ !::    | ÷   |             | 121        |                 | -+       |          |          |          |           | $\dashv$      |           |   |
|       | 22       |                         |          | <del>                                     </del> |                     | -         | <u> </u> | 72<br>73 | $\vdash$            |  | +                 |              | +        | +           | -        | -   |             | 122<br>123 |                 | +        | $\dashv$ |          |          |           | $\dashv$      | $\dashv$  |   |
|       | 23<br>24 |                         |          | ++   | ++                  | -         | <u> </u> | 74       | ┝─┼                 | +  | ╫                 |              | $\dashv$ | ++          | -        | 1   |             | 124        | -               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\dashv$      | $\dashv$  |   |
|       | 25       |                         | -        | $\vdash$   |                     | -         |          | 75       | H                   |  | +                 | $\dashv$     | +        | +           |          | ŀ   |             | 125        | -               | $\dashv$ | $\dashv$ | $\dashv$ |          |           | $\dashv$      | -         |   |
|       | 26       | ++++                    |          |  | ++                  | -         |          | 76       | ╌┼                  |  | 1                 |              | +        | +-+         | -        | }   |             | 126        |                 |          | $\dashv$ | +        | -        |           | $\dashv$      | $\dashv$  |   |
|       | 27       |                         |          |  | ++                  | -         | $\vdash$ | 77       | $\vdash$            | -  | $\vdash$          | -            |          |             | -        | ╁   |             | 127        |                 |          | 十        | $\dashv$ | $\dashv$ | _         | $\dashv$      | $\neg$    | _ |
|       | 28       |                         |          | <del>                                     </del> | +                   |           |          | 78       | $\vdash$            |  |                   |              | $\top$   | 1 1         |          | ŀ   |             | 128        |                 |          | 十        | _        | _        |           | $\neg$        | $\neg$    |   |
|       | 29       |                         |          |  |                     | -         |          | 79       | H                   | $\top$   | $\Box$            |              |          | T           | 70       | t   |             | 129        |                 |          | T        | T        | T        | T         | $\exists$     |           |   |
|       | 30       |                         |          |  |                     |           |          | 80       |                     |  |                   |              |          | $\top$      |          | T   |             | 130        |                 |          | 寸        |          |          |           |               |           |   |
|       | 31       |                         |          |  |                     |           |          | 81       |                     |  |                   |              |          |             |          |     |             | 131        |                 |          |          |          |          |           |               |           |   |
|       | 32       |                         |          |  |                     |           |          | 82       |                     |  |                   |              |          |             |          | E   |             | 132        |                 |          |          |          |          |           |               |           |   |
|       | 33       |                         |          |  |                     |           |          | 83       |                     |  |                   |              |          |             |          | L   |             | 133        |                 |          | _        | $\perp$  |          |           |               |           |   |
|       | 34       |                         |          | $\sqcup \bot$                                    | $\bot\bot$          | _         | <u> </u> | 84       | $\perp \downarrow$  | _  | $\perp$           |              | _        | $\bot \bot$ | _        | L   |             | 134        |                 | _        | _        | _        | _        | _         | _             | _         |   |
|       | 35       |                         |          | $\sqcup$   | ++                  | 4::::     | <u> </u> | 85       | $\sqcup \downarrow$ | +  | $\sqcup$          |              |          | ++          | 4:::     | -   |             | 135        |                 | _        | -        | 4        | 4        | _         | $\dashv$      | _         |   |
|       | 36       |                         | - -      |  | -  -                | 4         | $\vdash$ | 86       | $\vdash$            | +  | $\vdash \vdash$   |              | +        | ++          | - ::     | -   |             | 136        | $\dashv$        |          | $\dashv$ | $\dashv$ |          |           |               | -         |   |
|       | 37       |                         | $\perp$  | $\vdash \vdash$                                  | +                   | - ::::    |          | 87       | $\vdash$            |  | $\vdash$          |              | +        | ++          | $\dashv$ | -   |             | 137        |                 | -        | $\dashv$ |          |          |           |               |           |   |
|       | 38       |                         |          |  | +                   | 4         | $\vdash$ | 88       | $\vdash$            |  | ╁╌┨               |              |          | ++          | -        | ŀ   |             | 138<br>139 | $\vdash$        | +        | +        | $\dashv$ | $\dashv$ | $\dashv$  |               |           |   |
|       | 39<br>40 | +++                     | +        | $\vdash$   | ++                  | -         |          | 89<br>90 |                     |  |                   |              | +        | ++          | -        | ŀ   |             | 140        | $\vdash$        | +        | +        | $\dashv$ | -        | $\dashv$  |               |           |   |
|       | 41       |                         | +        | $\vdash$   | ++                  | -         | $\vdash$ | 91       | $\vdash$            |  | $\vdash$          |              | +        | ++          | $\dashv$ | +   |             | 141        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$  |   |
| -     | 41       |                         |          | +  |                     | +         |          | 92       | $\vdash$            |  | $\vdash$          | $\dashv$     | +        | ++          |          | -   |             | 142        |                 |          | +        | $\dashv$ |          | $\dashv$  | $\dashv$      | $\dashv$  |   |
|       | 43       |                         |          | <del>  -</del>                                   | ++                  | 1         |          | 93       | $\vdash \vdash$     |  | $\vdash$          | <del>-</del> | +        | ++          | $\dashv$ | +   |             | 143        | $\vdash \dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +         | -+            | $\dashv$  | - |
|       | 44       |                         |          | <del>  -</del>                                   | ++                  | 1         |          | 94       |                     |  | +                 | -+           |          | +-+-        | ٦        | +   | $\neg \neg$ | 144        | $\vdash$        | $\dashv$ | $\dashv$ | 寸        | 7        | $\dashv$  | $\dashv$      | $\dashv$  |   |
|       | 45       |                         |          | ++   | ++                  | $\exists$ |          | 95       | $\vdash$            | 1  | $\vdash$          | $\dashv$     | +        | ++          | -        | ۲   |             | 145        |                 | _        | 十        | $\dashv$ | 1        | -         |               | -         |   |
|       | 46       |                         | $\neg$   |  | ++                  |           |          | 96       | $\vdash$            | $\top$   | $\Box$            | $\dashv$     | +        | ++          | 1        | +   |             | 146        | $\vdash$        | +        | $\top$   | $\dashv$ | 7        | $\dashv$  | $\dashv$      | $\dashv$  |   |
|       | 47       |                         | $\dashv$ |  | +                   | 7         |          | 97       | $\Box$              | -  | $\dagger \exists$ | 1            |          | 11          | 7        | 1   |             | 147        | $\Box$          |          | $\top$   | $\dashv$ | $\dashv$ | $\dashv$  |               |           | - |
|       | 48       |                         |          |  | $\top$              | 7         |          | 98       | $\Box$              |  |                   |              | 1        | 11          | 7        | T   |             | 148        | П               |          | 寸        |          |          | $\exists$ |               | $\exists$ |   |
|       | 49       |                         |          |  |                     | ]         |          | 99       |                     |  |                   |              |          |             |          | Γ   |             | 149        |                 |          |          | _]       |          |           |               |           |   |
|       | 50       |                         |          |  |                     |           |          | 100      |                     |  |                   |              |          |             |          | Γ   |             | 150        |                 |          |          | T        |          |           |               | $\Box$    |   |